A Big Earth Data Platform for Three Poles

**Distribution data of geomorphic surface in the upper reaches of Heihe River**

1、Description

The landform near Qilian in the upper reaches of Heihe River includes the first level denudation surface (wide valley surface) and the Ninth level river terrace. The stage surface distribution data is mainly obtained through field investigation. GPS survey is carried out for the distribution range of all levels of geomorphic surface. The field data is analyzed in the room, and then combined with remote sensing image, topographic map, geological map and other data, the distribution map of all levels of geomorphic surface in the upper reaches of Heihe river is drawn. The age of the denudation surface is about 1.4ma, and the formation of Heihe terrace is later than this age, all of which are terraces since late Pleistocene.

2、Keywords

Theme：Topography,Geomorphological structure type,River terrace,Geomorphology
Discipline：Terrestrial Surface
Places：Heihe River Basin, Upper Reaches of Heihe Basin
Time：2012, 2013

3、Data details

1.Scale：10000

2.Projection：4326

3.Filesize：1.5MB

4.Data format：Shapefile文件

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.35 | - |
| west：100.0 | - | east：100.3 |
| - | south：38.01 | - |

5、Time frame:2018-11-22 18:48:10+00:00--2018-11-22 18:48:10+00:00

6、Reference method

References to data:

HU Xiaofei, PAN Baotian. Distribution data of geomorphic surface in the upper reaches of Heihe River. A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2708232016

References to articles:

7、Supporting project information

8、Data resource provider

name: PAN Baotian
unit: Lanzhou University
email: panbt@lzu.edu.cn

name: HU Xiaofei
unit: Lanzhou University
email: feixhu@lzu.edu.cn